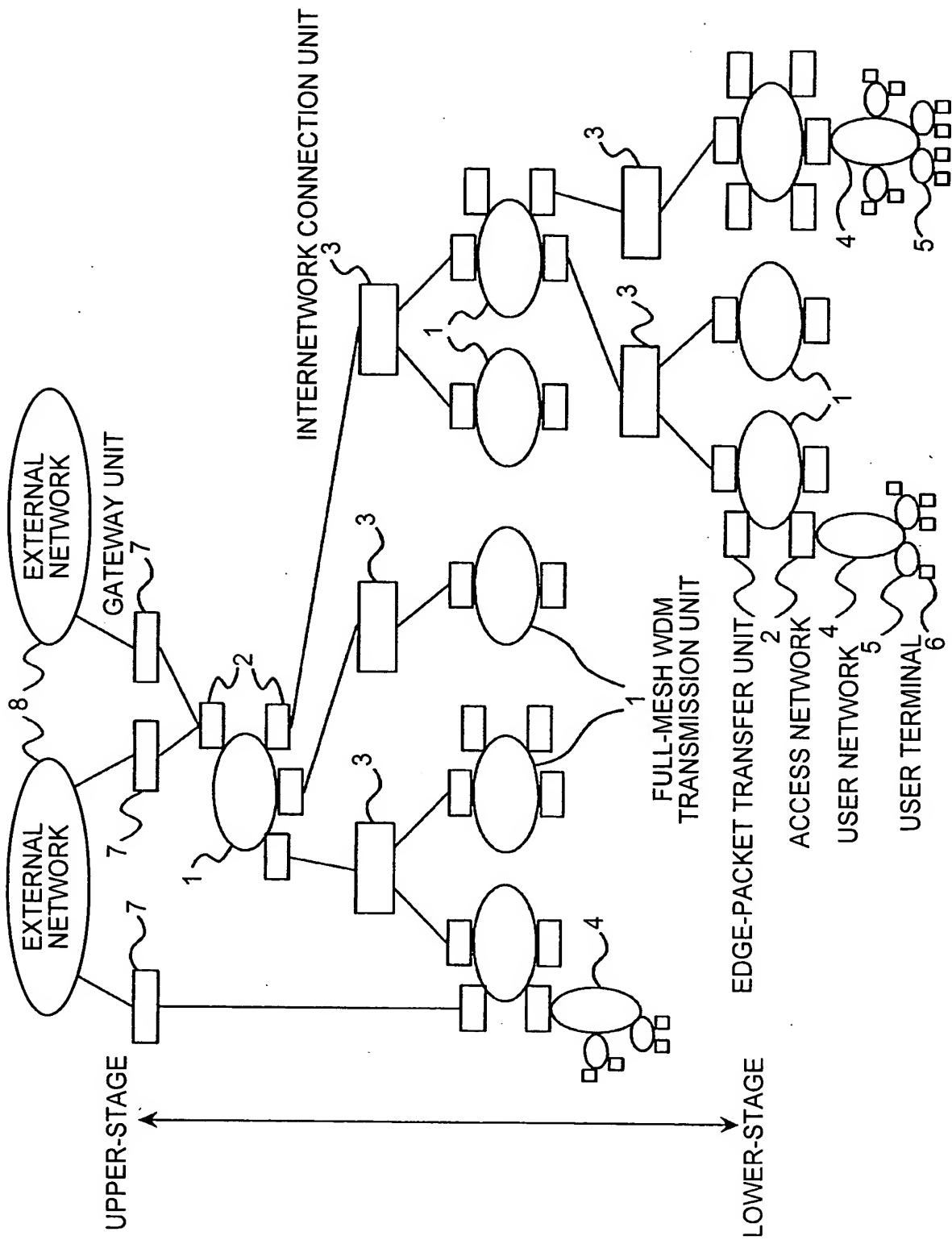
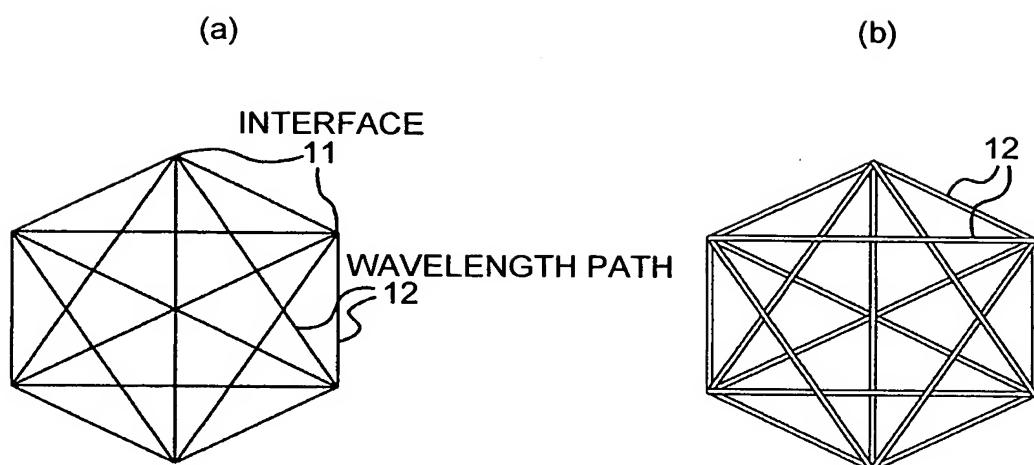


FIG.1



# FIG.2



		RECEPTION INTERFACE NUMBER				
		1	2	3	...	n
TRANSMISSION INTERFACE NUMBER	1	$\lambda 1$	$\lambda 2$	$\dots$	$\lambda n-1$	
	2	$\lambda n-1$	$\lambda 1$	$\dots$	$\lambda n-2$	
	3	$\lambda n-2$	$\lambda n-1$	$\dots$	$\lambda n-3$	
	...	$\dots$	$\dots$	$\dots$	$\dots$	
	n	$\lambda 1$	$\lambda 2$	$\lambda 3$	$\dots$	

FIG.3

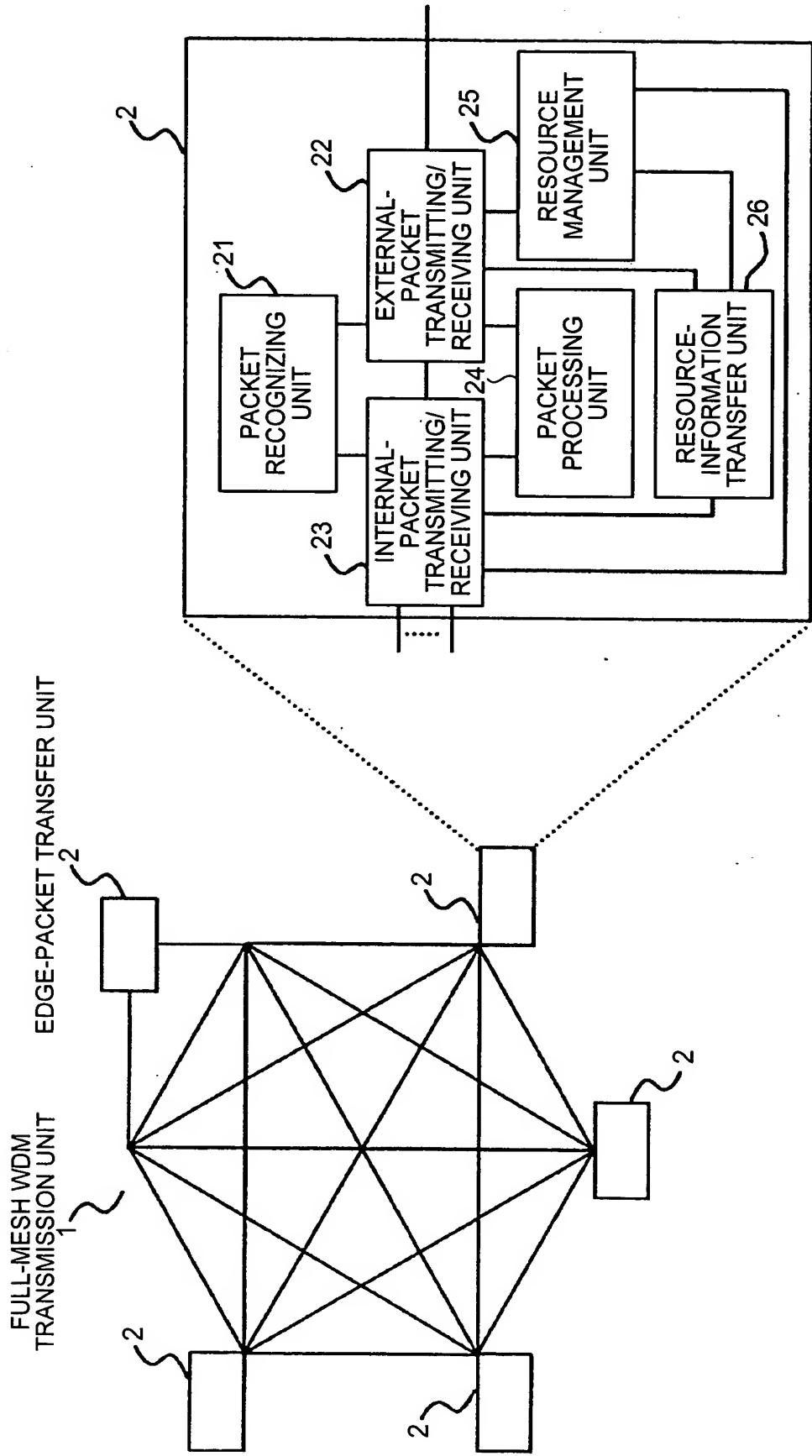


FIG. 4

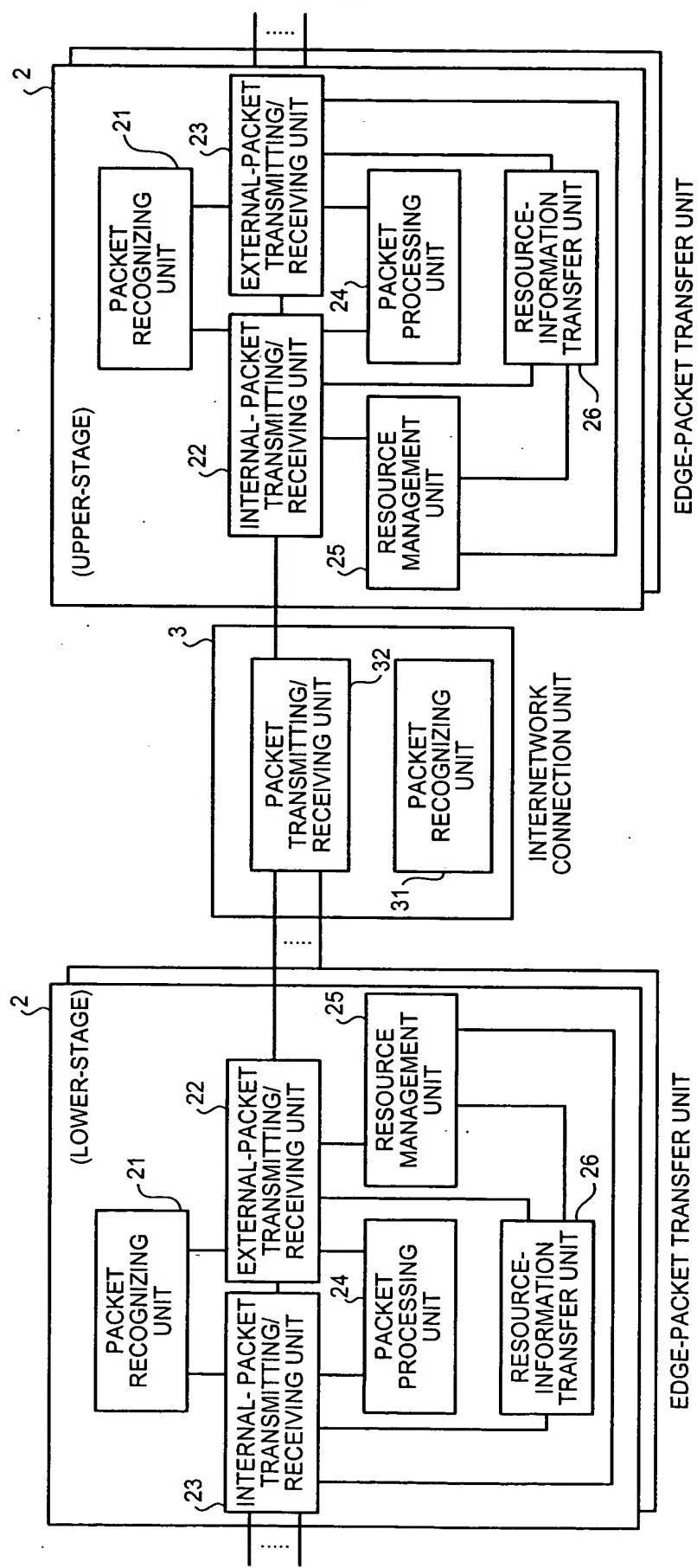
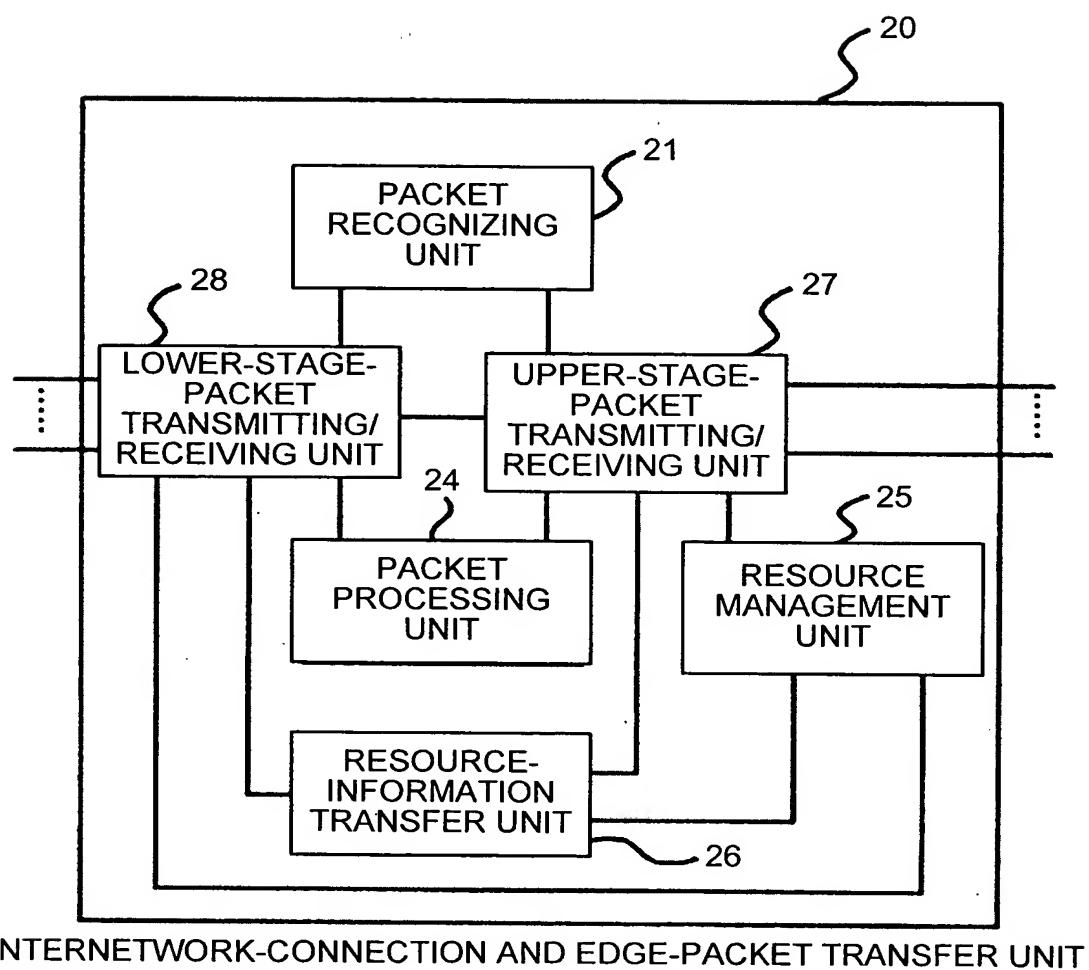


FIG.5



INTERNETWORK-CONNECTION AND EDGE-PACKET TRANSFER UNIT

FIG.6

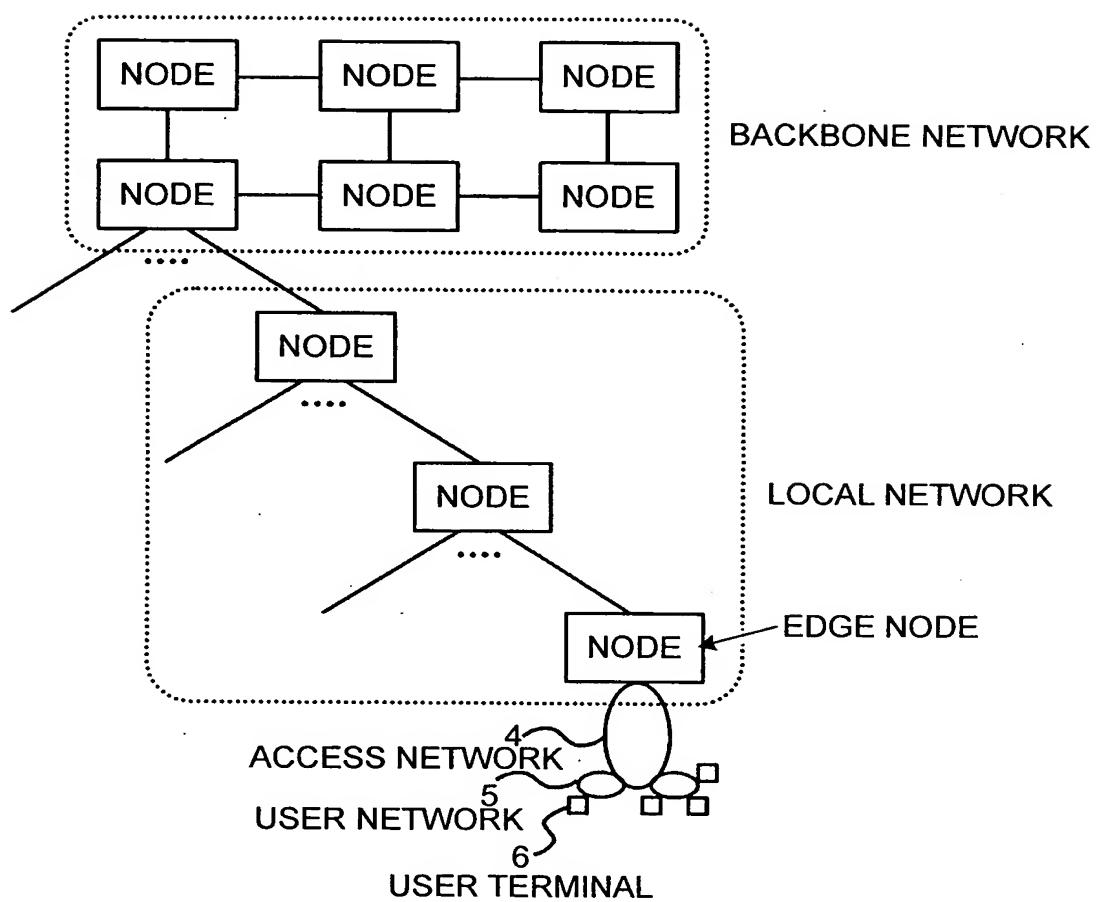


FIG. 7

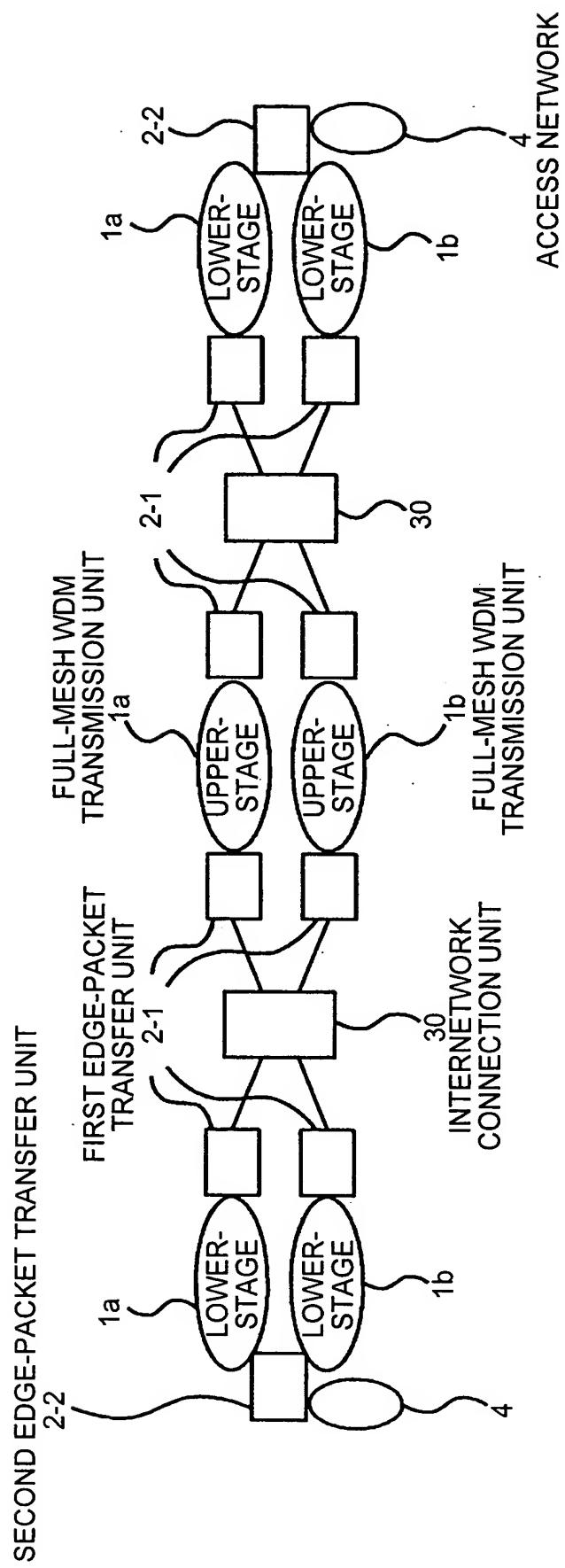


FIG.8

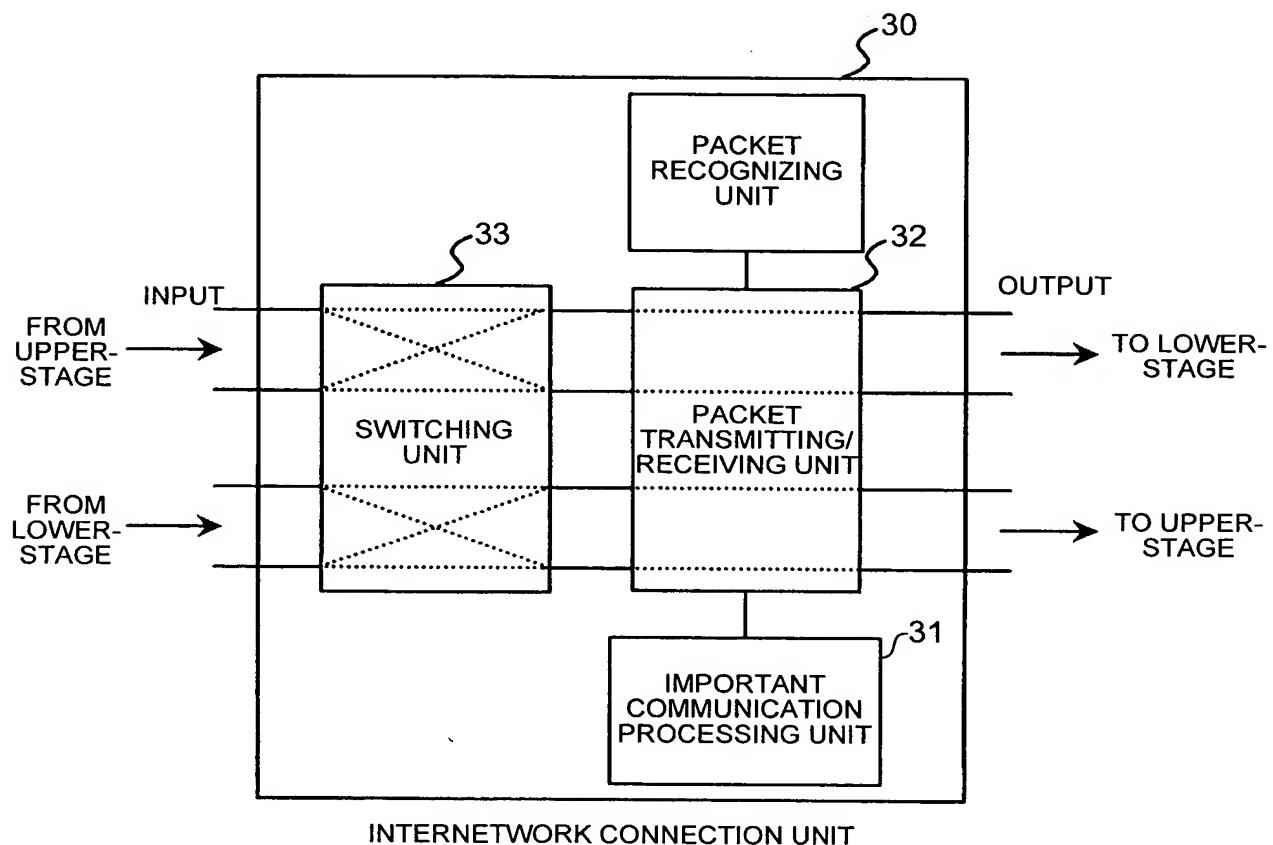
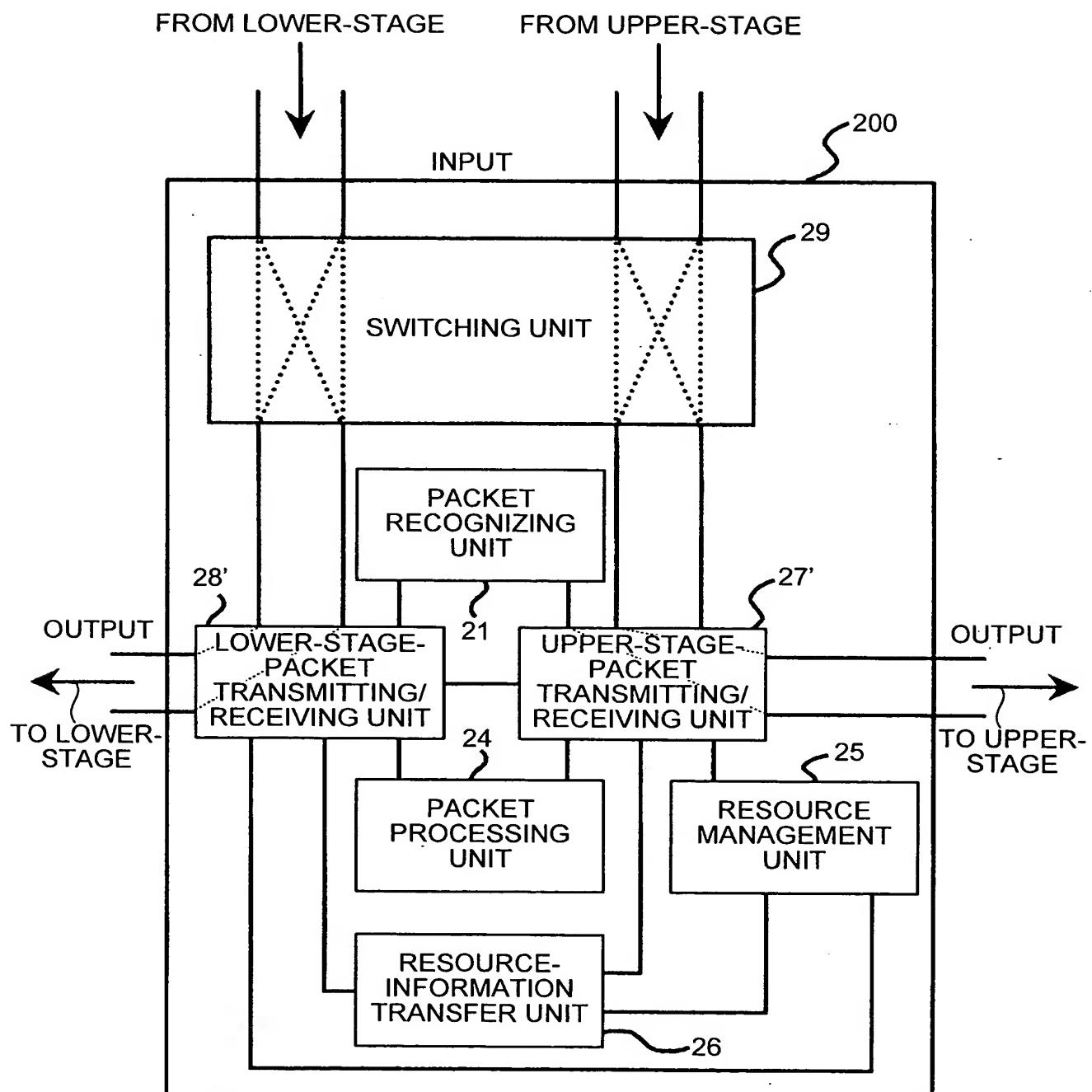
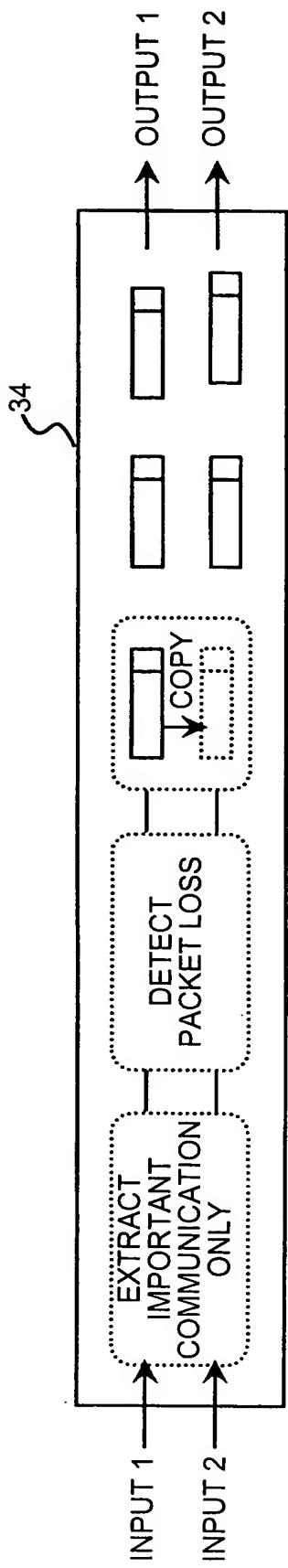


FIG.9



INTERNETWORK-CONNECTION AND EDGE-PACKET TRANSFER UNIT

FIG.10



# FIG.11

FULL-MESH WDM TRANSMISSION UNIT

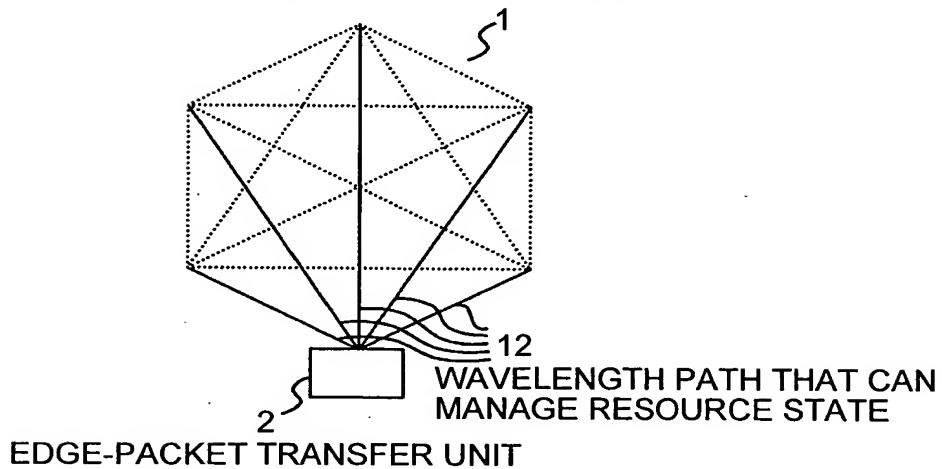


FIG.12

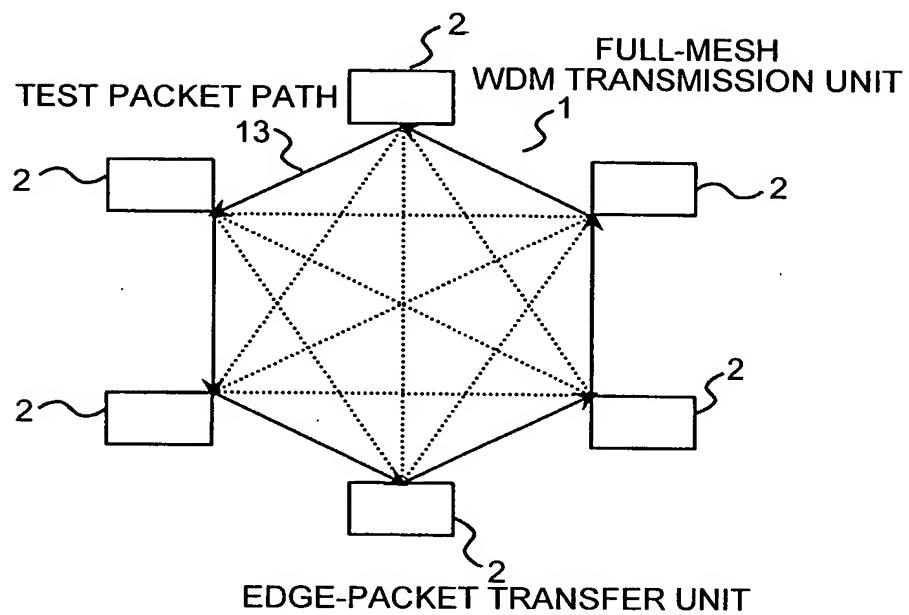


FIG. 13

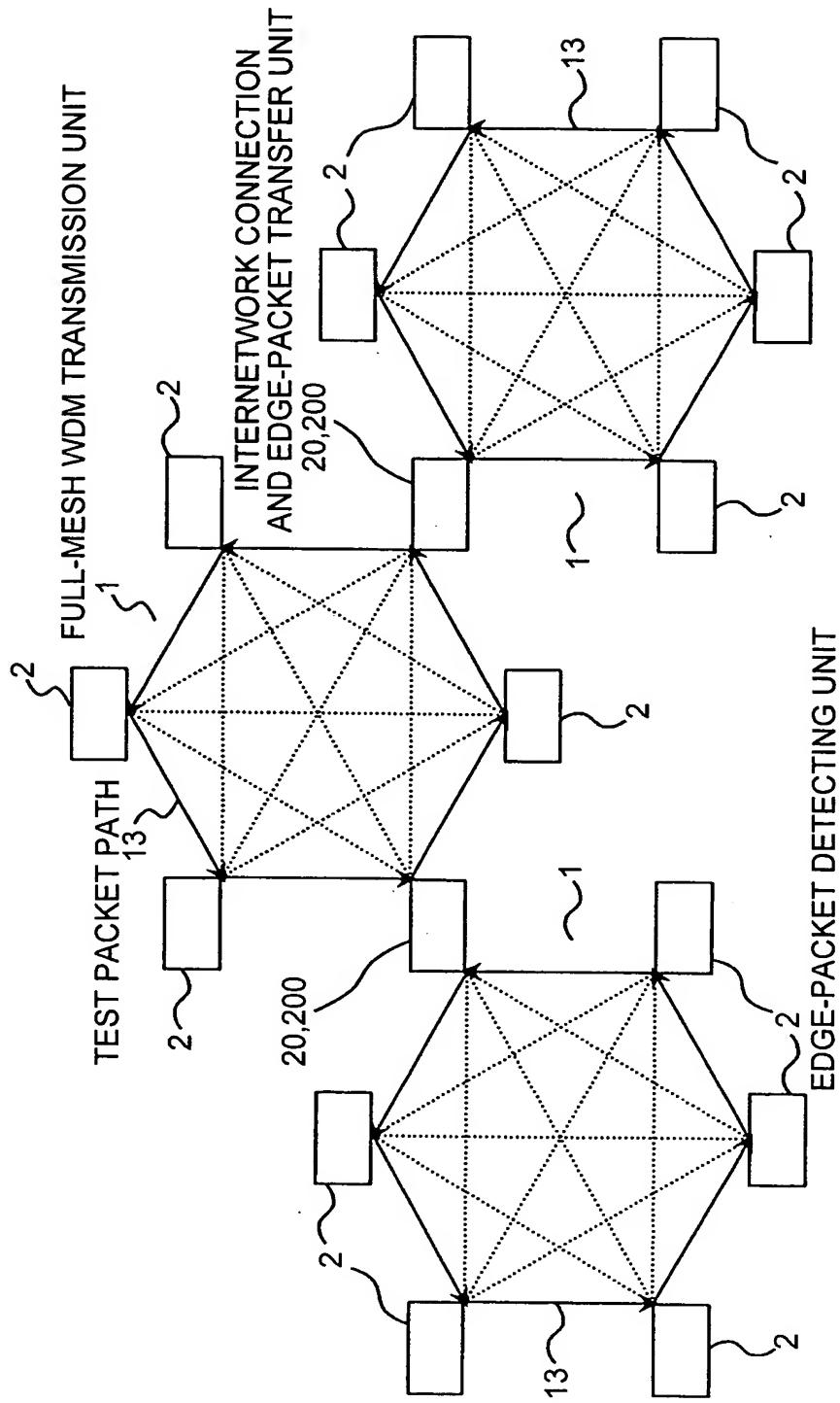


FIG.14

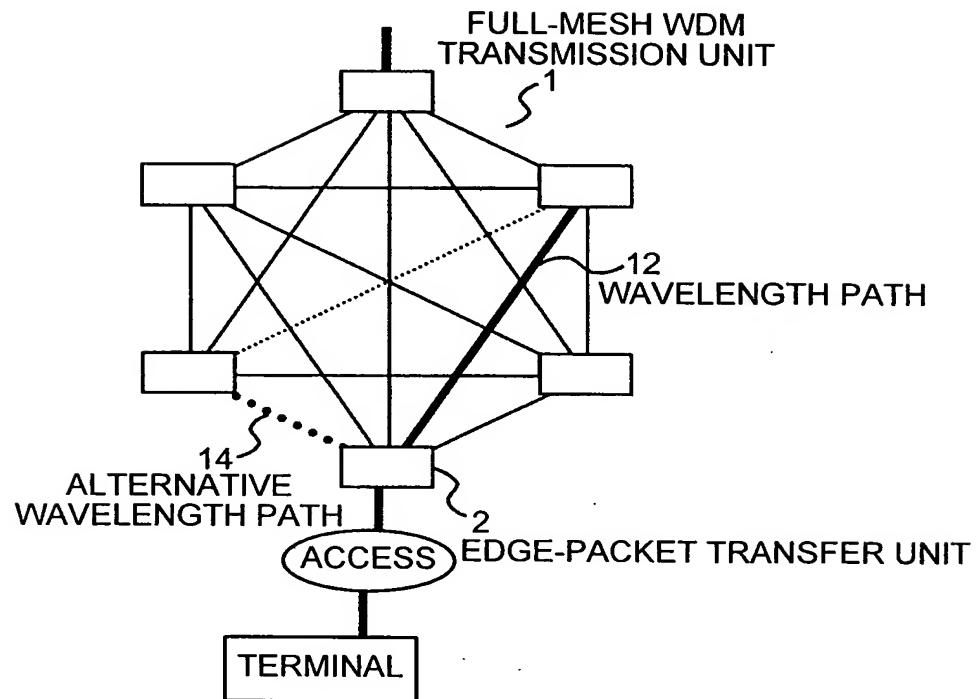


FIG. 15

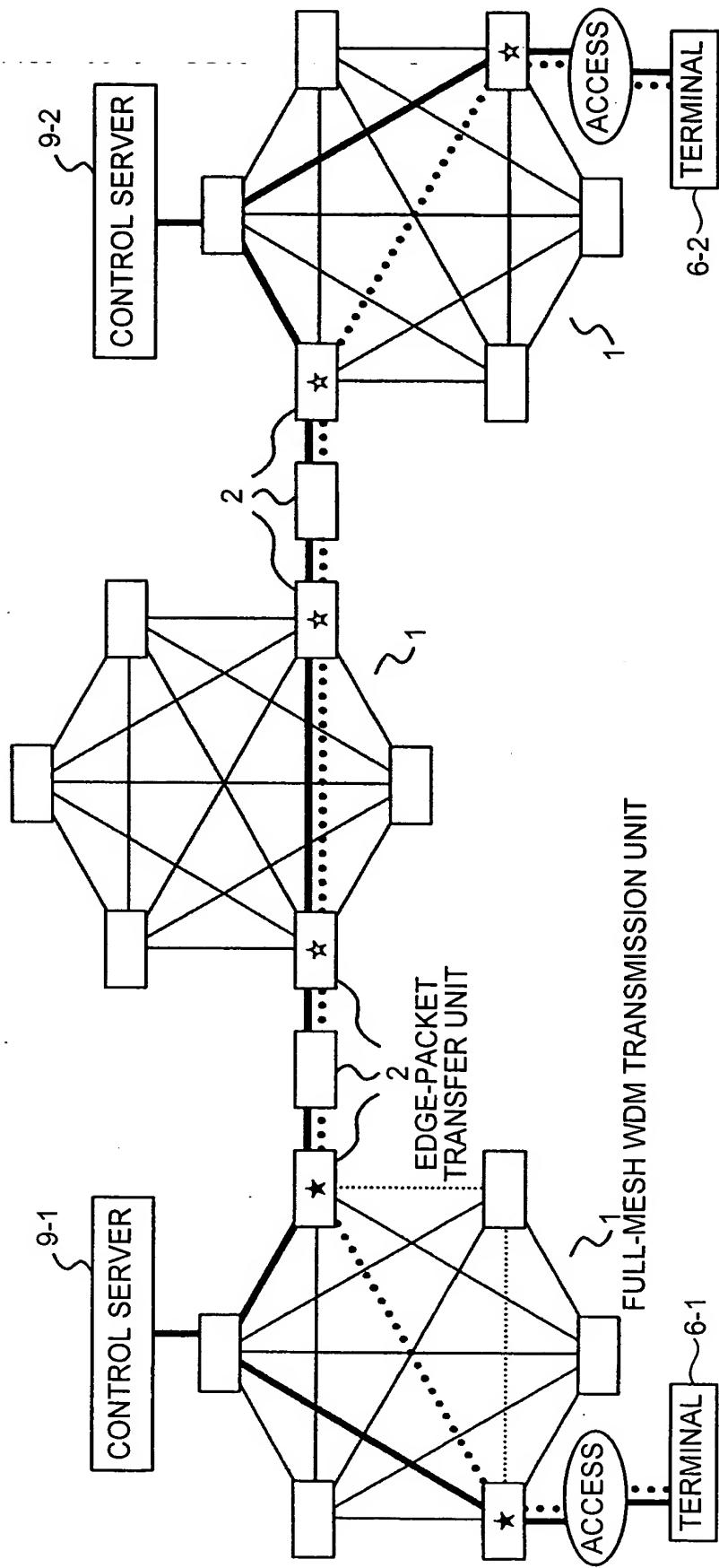


FIG. 16

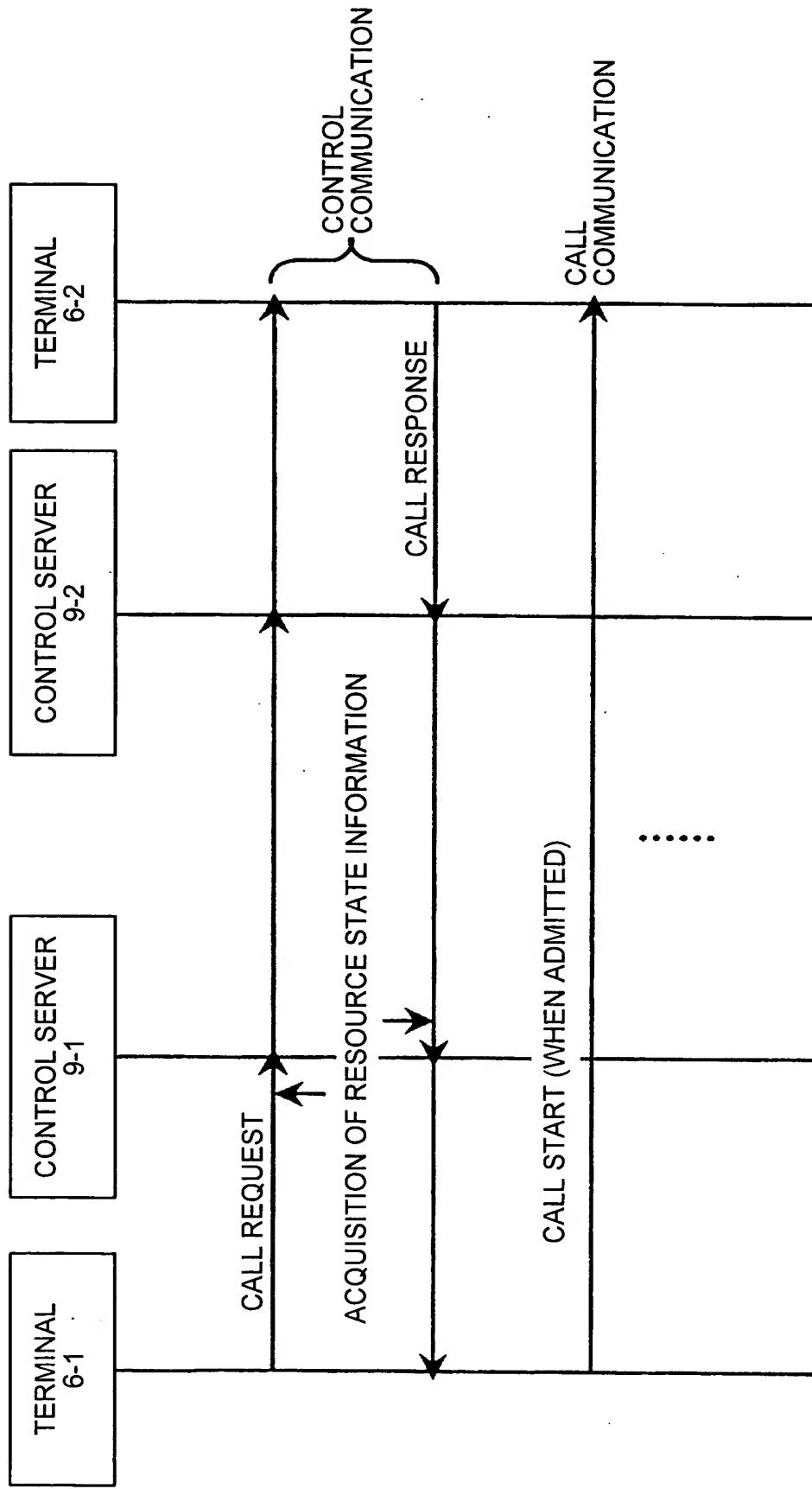


FIG. 17

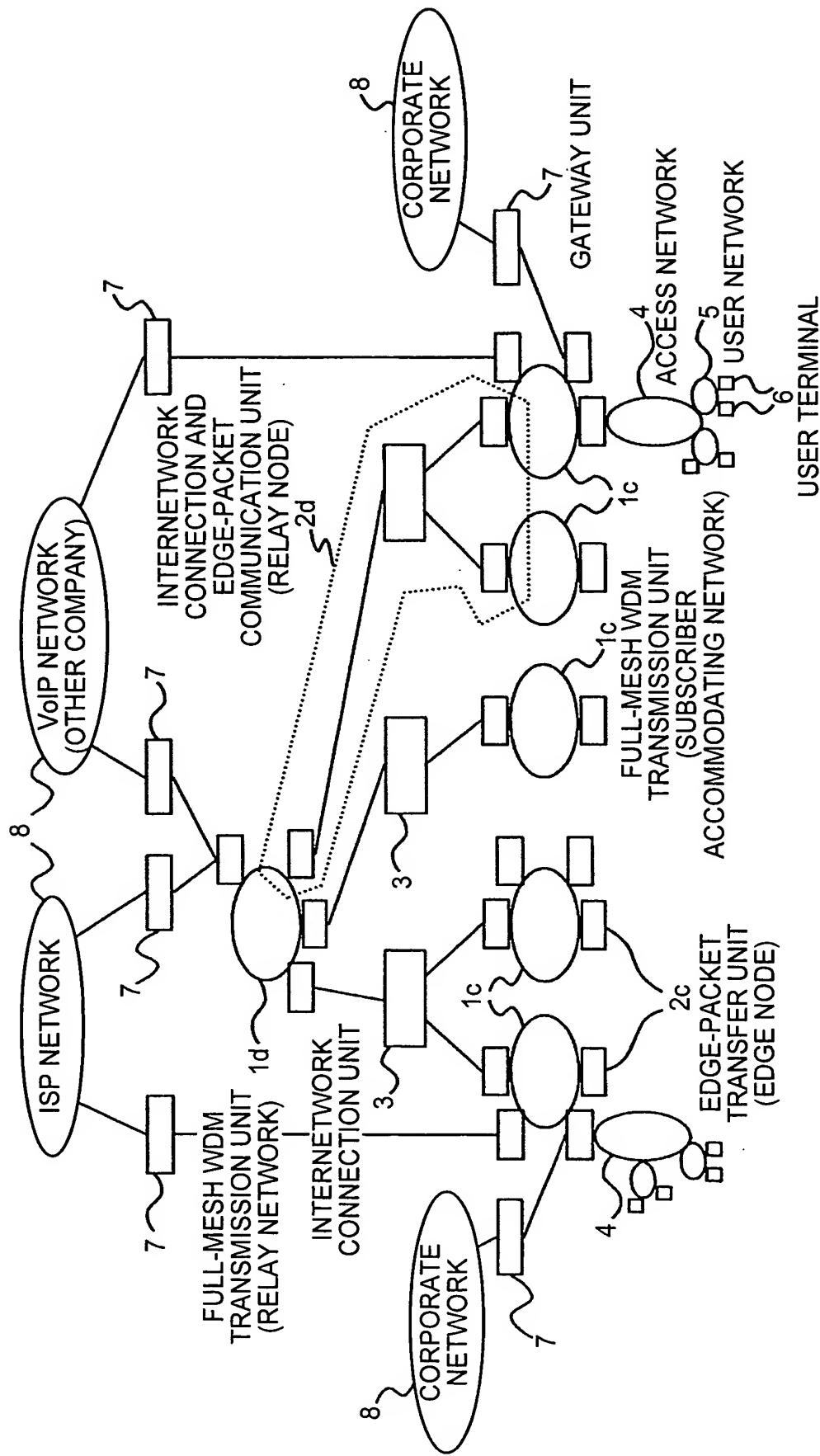


FIG. 18

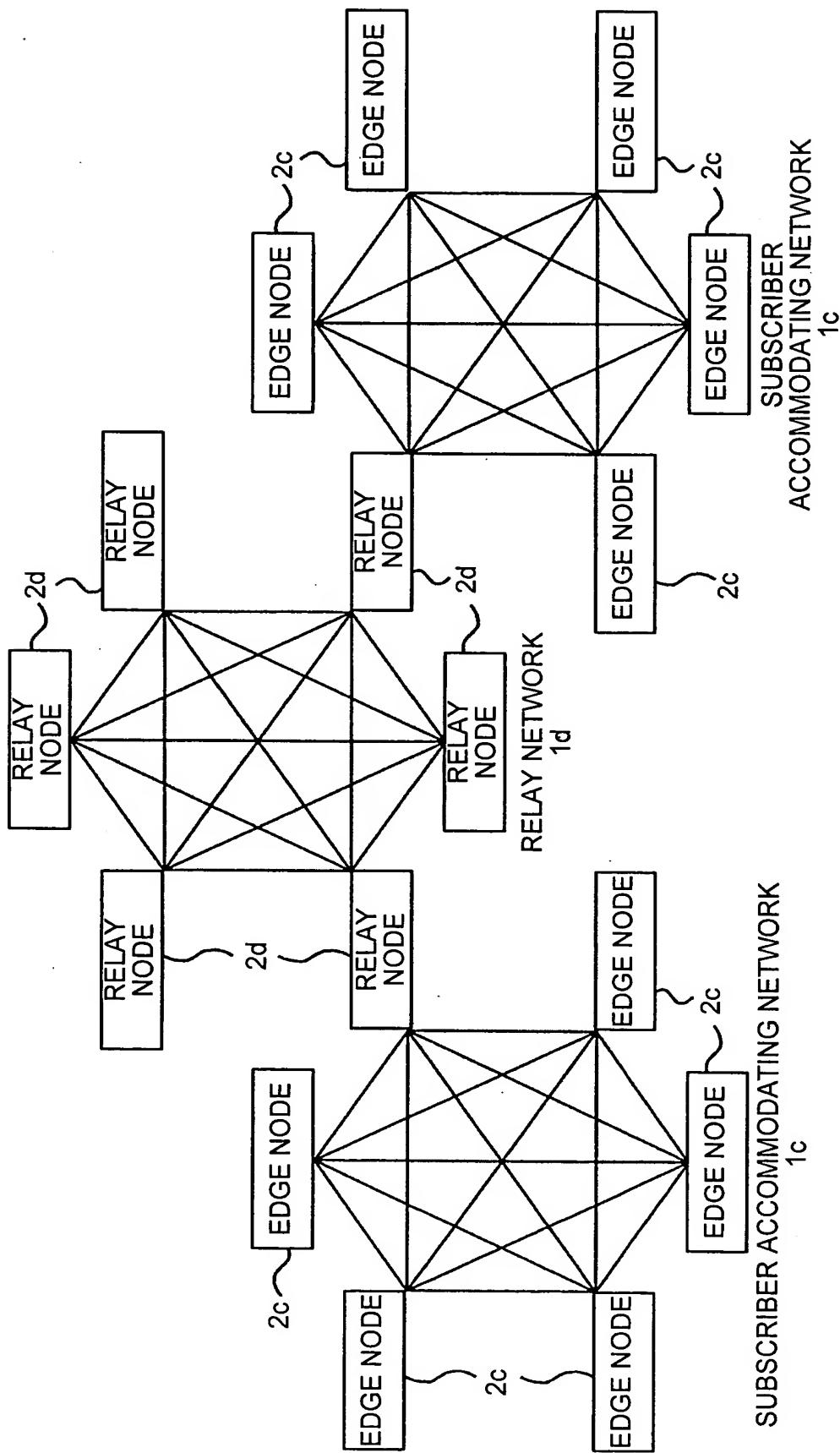


FIG.19

CORRESPONDING ROUTING TABLE	DESCRIPTION RULE OF ROUTING TABLE	
	DESTINATION IP ADDRESS	TRANSMISSION SOURCE PORT
SUBSCRIBER ACCOMMODATING NETWORK	OUT OF RANGE BELONGING TO SUBSCRIBER NETWORK ITSELF	PORT CORRESPONDING TO WAVELENGTH PATH TO RELAY NODE
	WITHIN RANGE BELONGING TO EDGE NODE ITSELF	PORT CORRESPONDING TO WAVELENGTH PATH BELONGING TO OWN EDGE NODE
	WITHIN RANGE BELONGING TO THE OTHER EDGE NODE (NUMBER i)	SUB-PORT CORRESPONDING TO WAVELENGTH PATH TO EDGE NODE (NUMBER i)
RELAY NETWORK	WITHIN RANGE BELONGING TO OWN RELAY NODE	PORT CORRESPONDING TO WAVELENGTH BELONGING TO OWN RELAY NODE
	WITHIN RANGE BELONGING TO EDGE NODE (NUMBER k) OF SUBSCRIBER ACCOMMODATING NETWORK (NUMBER j) CONNECTED TO OWN RELAY NODE	SUB-PORT CORRESPONDING TO WAVELENGTH PATH TO EDGE NODE (NUMBER k) OF PORT CORRESPONDING TO SUBSCRIBER ACCOMMODATING NETWORK (NUMBER j)
	WITHIN RANGE BELONGING TO OTHER RELAY NODE (NUMBER l) AND WITHIN RANGE BELONGING TO SUBSCRIBER ACCOMMODATING NETWORK CONNECTED TO OTHER RELAY NODE (NUMBER m)	SUB-PORT CORRESPONDING TO WAVELENGTH PATH TO RELAY NODE (NUMBER l) OF PORT CORRESPONDING TO RELAY NETWORK

FIG.20

